

P6000 400V 50HZ #AVR #CONN #DPP

THE SILENT POWER



Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

Main Features

Frequency	Hz	50
Voltage	V	400/230
Power factor	cos ϕ	0.8
Phase		3

Power Rating

Emergency Standby Power ESP	kVA	6.9
Emergency Standby Power ESP	kW	5.5
Continuous power COP	kVA	5.6
Continuous power COP	kW	4.5

Single Phase Power Rating

Single phase Maximum Power	kVA	3.2
Single phase continuous power COP	kVA	3.0

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

Engine Brand	Yanmar	
Model	L100V Electric	
[50Hz] Exhaust emission level	Stage V	
Engine cooling system	Air	
Displacement	cm ³	435
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Diesel	
Oil capacity	l	1.6
Starting system	Electric	

Dimensional data

Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	kg	186
Fuel tank capacity	l	24

Autonomy

Fuel consumption at 75% of Load	l/h	1.53
Fuel consumption at 100% of Load	l/h	2.04
Running time at 75% of load	h	15.69
Running time at 100% of load	h	11.76



GENSET CONTROL PANELS (CONN DPP)

Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.



COMMANDS

- Start selector switch with key: OFF - ON - START
- CONNector for AMF/RSS (Accessory available)

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS

- Circuit breaker
- Differential protection (**DPP**)
- Oil Guard

SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	2
3P+N+T CEE 400V 16A IP44	1

ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:

- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acoustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):

- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:

- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown



RSS - REMOTE START / STOP (CONN)

RSS Remote start/stop wireless with CONNector (max Distance 90m)



ACCESSORIES

TRANSPORTATION KIT

with folding handles

